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CERTIFICATE OF MAILING

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Date: 8-4-06By: Susan L. Baka
Susan L. Baka

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

BONEH ET AL.

APPLICATION No.: 10/038,169

FILED: January 2, 2002

FOR: METHOD AND APPARATUS FOR TRANSPARENT
TRANSCRIPTION

EXAMINER: BAO TRAN N TO

ART UNIT: 2135

CONFIRMATION No: 7811

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned submits the following references without admitting that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art. The undersigned, in an effort to focus the scope of this review, has identified the following subsets of references as most relevant to the subject invention:

U.S. PATENT DOCUMENTS

Cite No.	U.S. Patent/Appln. Number	Name of Patentee or Inventor	Filing/Publication /Issue Date
1.	5,828,832	Holden et al.	10/27/1998
2.	6,073,242	Hardy et al.	6/6/2000
3.	6,098,096	Tsirigotis et al.	8/1/2000
4.	6,216,212	Challenger et al.	4/10/2001
5.	6,233,577	Ramasubramani et al.	5/15/2001

6.	6,397,330	Elgamal et al.	5/28/2002
7.	6,519,365	Kondo et al.	2/11/2003
8.	6,678,733	Brown et al.	1/13/2004
9.	6,941,459	Hind et al.	9/6/2005
10.	6,963,980	Mattsson	11/5/2005
11.	6,990,636	Beauchamp	1/24/2006
12.	11/236,046	Metzger et al.	9/26/05
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14.	11/341,060	Metzger et al.	1/27/06
15.	2002/0016911	Chawla et al.	2/7/2002
16.	2003/0123671	He et al.	7/3/2003
17.	2003/0156719	Cronce	8/21/2003
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19.	2006/0149962	Fountain et al.	7/6/2006

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

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20.	Boneh, et al., "Efficient Generation of Shared RSA Keys," (extended abstract)
21.	Menezes, A., et al., "Handbook of Applied Cryptography," 1996 CRC Press, pp. §8.2-8.3 and §14.5
22.	RSA "PKCS #1 v2.0 Amendment 1: Multi-Prime RSA," 2000
23.	Shand, M., et al., "Fast Implementations of RSA Cryptography," 1993
24.	Stallings, W., "IP Security," Network Security Essentials, Applications and Standards, Chapters 6 and 7, pp. 162-223, 2000
25.	Takagi, T., "Fast RSA-Type Cryptosystem Modulo p^kq ," 1998
26.	Takagi, T., "Fast RSA-Type Cryptosystems Using N-Adic Expansion," Advances in Technology – CRYPTO '97, LNCS 1294, pp. 372-384, 1997



1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the National Stage of an International Application or before the mailing date of a first Office Action on the merits or before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114, whichever occurs last (37 CFR 1.97(b)(4)). The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☐ All cited references
- ☐ References marked by asterisks
- ☒ The following: References A44 through A48, B1, B2 and C1 through C24.

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2207.

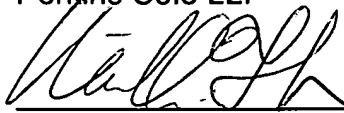
5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart

application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Date: August 4, 2006

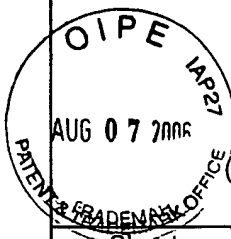
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/038,169
Confirmation Number	7811
Filing Date	January 2, 2002
First Named Inventor	Boneh
Group Art Unit	2135
Examiner Name	Bao Tran N To
Attorney Docket No.	36321-8009.US01

Sheet 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
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	A2.	4,964,164		Fiat, Amos	10/16/1990	
	A3.	5,222,133		Chou et al.	6/22/1993	
	A4.	5,557,712		Guay	9/17/1996	
	A5.	5,734,744		Wittenstein	3/31/1998	
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	A7.	5,828,832		Holden et al.	10/27/1998	
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	A10.	6,073,242		Hardy et al.	6/6/2000	
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	A17.	6,202,157		Brownlie et al.	3/13/201	
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EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

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		NUMBER	Kind Code (if known)			
	A19.	6,233,577		Ramasubramani et al.	5/15/2001	
	A20.	6,396,926		Takagi, et al.	5/28/2002	
	A21.	6,397,330		Elgamal et al.	5/28/2002	
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	A41.	6,963,980		Mattsson	11/5/2005	
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	A44.	10/526,252		Fountain et al. 8024	2/24/2005	
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	A52.	2002/0073232		Hong et al.	6/13/2002	
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	A58.	2003/0123671		He at al.	7/3/2003	
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		Office	NUMBER	Kind Code (if known)				
	B1.	WO	01/03398		IBM Corp and IBM UK Limited	01/11/2001		
	B2.	WO	02/101605		Research In Motion Limited	12/19/02		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	C1.	Alteon Web Systems: "The Next Step in Server Loading Balancing" November 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; pages 4-11.	
	C2.	Alteon Web Systems: "Networking with the Web in Mind" May 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; page 1, pages 3-7.	

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	C8.	Fiat, A. "Batch RSA, (digital signatures and public key krypto-systems)" Advances in Cryptology – Crypto '89 Proceedings 20-24 August, 1989, Springer-Verlag	
	C9.	Großschädl, J., et al., "The Chinese Remainder Theorem and its Application in a High-Speed RSA Crypto Chip," 2000	
	C10.	Herda, S., "Non-repudiation: Constituting evidence and proof in digital cooperation," Computer Standards and Interfaces, Elsevier Sequoia, Lausanne, CH, 17:1 (69-79) 1995.	
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	C14.	Oppliger, R.; "Authorization Methods for E-Commerce Applications"; 1999	
	C15.	RSA Laboratories: "PKCS #7: Cryptographic Message Syntax Standard, Version 1.5," RSA Laboratories Technical Note, pp. 1-30, November 1, 1993.	

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	C16.	RSA "PKCS #1 v2.0 Amendment 1: Multi-Prime RSA," 2000	
	C17.	"Security Protocols Overview (An RSA Data Security Brief)", RSA Data Security, 1999, http://www.comms.scitech.susx.ac.uk/fft/crypto/security_protocols.pdf , pages 1-4.	
	C18.	Schacham, H., et al., "Improving SSL Handsake Performance via Batching," Topics in Cryptology, pp. 28-43, 2001.	
	C19.	Shand, M., et al., "Fast Implementations of RSA Cryptography," 1993	
	C20.	Sherif, M.H., et al., "SET and SSL: Electronic Payments on the Internet," IEEE, pp. 353-358 (1998)	
	C21.	Stallings, W., "IP Security," Network Security Essentials, Applications and Standards, Chapters 6 and 7, pp. 162-223, 2000	
	C22.	Takagi, T., "Fast RSA-Type Cryptosystem Modulo p^kq ," 1998	
	C23.	Takagi, T., "Fast RSA-Type Cryptosystems Using N-Adic Expansion," Advances in Technology – CRYPTO '97, LNCS 1294, pp. 372-384, 1997	
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